

Title (en)

Magnetic field communication method and apparatus capable of recognizing multiple nodes

Title (de)

Magnetfeldkommunikationsverfahren und Vorrichtung mit Fähigkeit zur Erkennung mehrerer Knoten

Title (fr)

Procédé de communication de champ magnétique et appareil capable de reconnaître des noeuds multiples

Publication

EP 2373102 B1 20131113 (EN)

Application

EP 11160225 A 20110329

Priority

KR 20100029306 A 20100331

Abstract (en)

[origin: EP2373102A1] Magnetic field communication methods and apparatuses are performed by the coordinator and node of a magnetic field area network, respectively. The method which is performed by the coordinator includes: (a) sending a request packet requesting association with a network, disassociation from a network, network association state checking, data transmission, or group address setting, (b) receiving response packets, (c) selecting one or more response packets from among the received response packets, (d) sending a response acknowledgement packet to nodes corresponding to the selected response packets, (e) receiving response packets resent by nodes which have not received the sent response acknowledgement packet, (f) selecting one or more response packets from among the response packets received at (e), and (g) sending a response acknowledgement packet to nodes corresponding to the response packets selected at (f).

IPC 8 full level

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CPC (source: EP US)

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Cited by

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DOCDB simple family (publication)

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